



# NITFS Compliance Registration



**Product:** NITF Services Library, version 4.7.2.0

**Date:** 23 January 2004

**Sponsor:** Space and Naval Warfare Systems Command System Center  
Charleston Code 733

**Expiration:** 22 January 2006

**Developer:** SEMCOR Division of Titan Systems Corporation

**Registration #:** 3008

- ☐ Initial Registration  
☒ Supplemental/Update #  
☐ Derived from Reg. #

☐ **System**  
N-0105/98, §4.1.1

☐ **Product**  
N-0105/98, §4.1.2

☒ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- Intel Pentium IV / Windows 2000 Professional , SP3
- Intel Pentium IV/ Windows XP Professional, SP1
- Sun Sunblade 100 / Solaris 2.8
- Sun Ultra 2 / Solaris 2.8

- \*\* NITF 2.0 feature  
\* NITF 2.1 feature

## NITFS Features Implemented:

### Format

#### NITF

☒ v2.1

☒ v2.0

☒ v1.1

#### NSIF

☒ v1.0

### Pixel Value Types

☒ Boolean

☒ Integer

☒ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Type

☒ Bit Mapped \*\*

☒ CGM, 2301

☒ CGM, 2301A

☒ Labels \*\*

### Text Segments

☒ STA

☒ UT1

☒ U8S

☐ MTF

### Image Segment Types

☒ MONO

☒ RGB

☐ RGB/LUT

☐ YCbCr

☐ MULTI

☐ NODISPLAY

☐ POLAR

### Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

☐ Multispectral JPEG, Individual Band

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record Extensions

☒ IOMAPA

- ☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

*Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.*